

Multiple keyboard languages

Multi-lingual users can add multiple languages to the keyboard and **switch between multiple Latin-based input languages** by swiping across the space bar. This changes the keys as well as the auto-suggest dictionary.



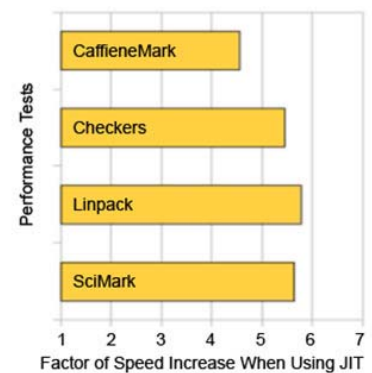
Improved performance

Performance of the browser has been enhanced using the V8 engine, which enables faster loading of JavaScript-heavy pages.

Dalvik Performance Boost: 2x-5x performance speedup for CPU-heavy code over Android 2.1 with Dalvik JIT.

The graph to the right shows the performance **speedup** from Android 2.1 to Android 2.2 using various benchmark tests. For example, LinPack is now more than 5 times faster.

Kernel Memory Management Boost: Improved memory reclaim by up to 20x, which results in faster app switching and smoother performance on memory-constrained devices.



New Platform Technologies

Media framework

- New media framework (Stagefright) that supports local file playback and HTTP progressive streaming
- Continued support for OpenCore in Android 2.2

Bluetooth

- Voice dialing over Bluetooth
- Ability to share contacts with other phones
- Support for Bluetooth enabled car and desk docks
- Improved compatibility matrix with car kits and headsets

2.6.32 kernel upgrade

- HIGHMEM support for RAM >256MB
- SDIO scheduling and BT improvements